

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



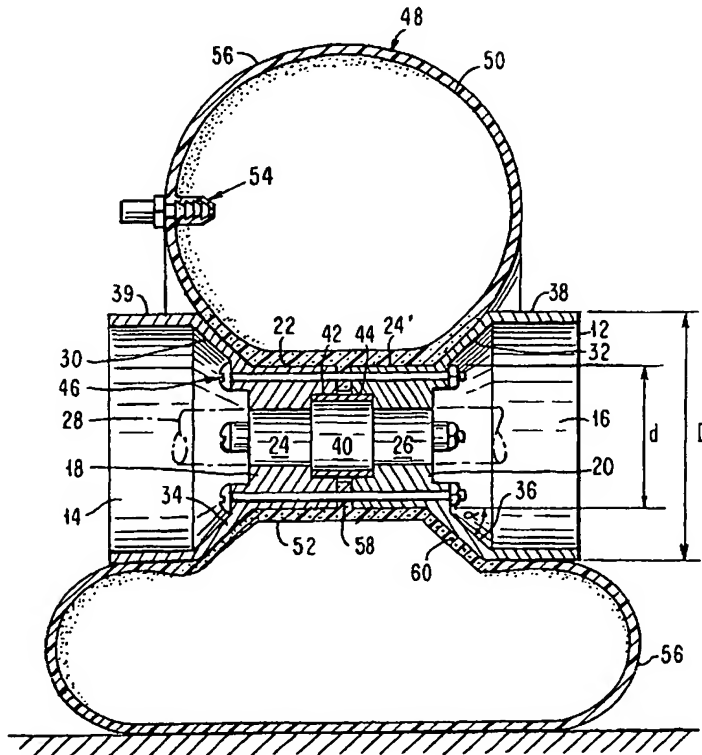
(43) International Publication Date
6 May 2004 (06.05.2004)

PCT

(10) International Publication Number
WO 2004/037565 A1

- (51) International Patent Classification⁷: B60C 17/00 (74) Agent: AMERNICK, Burton, A.; Connolly Bove Lodge & Hutz, LLP, 1990 M Street, N.W., Suite 800, Washington, DC 20036-3425 (US).
- (21) International Application Number: PCT/US2002/033238
- (22) International Filing Date: 18 October 2002 (18.10.2002) (81) Designated States (*national*): CN, US.
- (25) Filing Language: English
- (26) Publication Language: English
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- Published:**
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: LOW PRESSURE TIRE



(57) **Abstract:** A low pressure tire including a torus of flexible, substantially inelastic material. The material will not deform at a temperature of about 225 °F. The torus includes an inner diameter surface for engaging a tire supporting rim and an outer diameter surface for contacting a support surface. The torus can flatten under a load to facilitate movement of the tire over soft or irregular support surfaces. A sealable opening permits the inflation and deflation of the torus, and includes a valve stem housing and a valve stem having a plurality of barbs which taper inwardly in the direction of the valve stem housing.

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